

## INFORMATION REPORT INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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S-E-C-R-E-T

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COUNTRY USSR (Black Sea)

REPORT

SUBJECT 1. Black Sea Port Facilities and Installations

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2. Naval Vessels and Military Observations in Black Sea Ports

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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

The following reports on Black Sea ports

In general these contain routine information of limited interest on port facilities and installations and on naval and merchant vessels observed. Where any report contains information of particular interest or on a subject outside these generally defined limits, this information is noted with the entry below.

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Port

1. Novorossiysk (includes port plan and legend)
2. Novorossiysk
3. Odessa
4. Odessa and Ostrov Zmeinyy (includes the sighting of a 15-meter "pocket" submarine and sketch of Ostrov Zmeinyy radar installation)
5. Odessa
6. Novorossiysk
7. Novorossiysk (largely concerned with description of one light cruiser and six vessels identified as KOLA-class destroyers)
8. Odessa and Zhdanov
9. Constanta and Odessa
10. Novorossiysk (includes port plan and legend)
11. Novorossiysk (includes annotated port plan)
12. Novorossiysk

STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC					
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(Note: Washington distribution indicated by "X"; Field distribution by "#".)

4 JUN 1958

INFORMATION REPORT INFORMATION REPORT

GENERAL INFORMATION:

NOVOROSIYSK

A- Three small buildings were observed to the left of the height here. [ ] the buildings to be guardhouses. [ ] observed two villages. One of them was at the foot of this height and in the interior and the other was located by the shore. A factory and square, iron posts were observed which had electrical cables at this village. A road for vehicles was observed which led to the port.

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B- Shallow area where two look-out posts were located.

C- Pier located here.

D- Location where three look-out alignment posts are located to show the way to the port and to avoid the shallow waters. They flash a green light during the night.

E- An old cement factory in operation. An asphalt road which leads to the port passes in front of the factory. Underground cables were observed beyond the cement factory which lead to the Naval Station, (H).

2- Another cement factory. Approximately 800 homes are located between the cement factories

I- ORGANIZATION:

H- Naval Station factory where a large crane is located. (See sketch in the original.)

G- Cement loading pier. One ship can dock on each side of it. There is a cement warehouse in the center of it. The ships are loaded by means of small mobile cranes because the three on the northern side and the two on the southern side are destroyed.

I- Port area where small fishing craft anchor.

K- Coal and ores pier. 12 cranes are located at this pier. There is also a warehouse located on this pier in front of which a railroad track passes.

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A - Location where a third cement factory is located. Evidently, it pertains to the

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2 10 1957

second factory which has been reported as a third due to the change of location.

M- A destroyed pier which is being repaired.

N- SILO pier. The main silos are located in the interior. Three suction pipes were observed at this pier which are located on the western side. Only one ship can load at a time. The three suction pipes provide 3000 tons of grain daily.

3 - Petroleum pier where one ship can dock on each side. 20-25000 tons of petroleum is loaded on both sides daily.

#### NAVIGATION:

Three small tankers belonging to the Soviet Fleet were observed at the southeastern break-water (in the interior). They were providing the warships with petroleum.

1- Location where a drydock is located. A 2000 ton ship was being built on it. The drydock had two cranes. A crane which was under repair and a heavy type derrick were observed near the drydock and the Naval area.

2- Eight fishing crafts (tartans) located here. Near the destroyed pier, there was another floating crane which had a propulsion machine and two propellers. There was an automatic dredger at work in this area. It looked like a ship. The dredger had a suction pipe to take out mud which was transferred to the shore by small navigable means. ("klapi")

3- Area where a small drydock was observed which is used for drydocking small craft. Small ships and fishing craft were observed near this drydock.

#### WARSHIPS:

12 minesweepers were observed between the petroleum and silo piers. Two warships were observed outside the harbor as well as an "ELL" type warship but smaller.

MERCHANT SHIPS: Location where the following were observed: a) 2000 ton freighter; a disarmed freighter with no smokestack; y) 1300 ton freighter, and d) a 2000 ton tanker.

Only ship (y) was observed being repaired.



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110.2 Three destroyers and a 9500-ton cruiser were observed near Novorossysk Harbor

The deck of the cruiser appeared continuous from the stern except for a slight elevation at the prow. The prow had two turrets with the three guns, one ~~on top~~ in succession to each other. It had two smokestacks. One was exactly in back of the bridge and the other was on the stern side of the stern mast. Both of the smokestacks on top have an ~~in~~ inclination towards the stern. The distance between the smokestacks was great and there were torpedo launchers there.

The cruiser had a catapult at the stern upon which was an airplane without wings. They may have been folded. No propellor was observed.

The above mentioned warship had two bridges. The one at the stern was on the prow side of the stern mast. Many anti-aircraft were observed on both bridges. There were no side guns. At least four RADAR antennae were observed. That is, one each on each bridge and one each on each of the masts. They were like the NEPTUNE and BIRD types.

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Its prow was vertical, it had no forecastle. The deck was elevated towards the prow. It had a SKORY type stern. It had two smokestacks. It had 4 twin-gun turrets, two at the ~~stern~~ <sup>stern</sup> and two at the prow, one atop each other. It also had torpedo launchers. Their location and number were not designated. It also had a RADAR

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II- MERCHANT SHIPS OBSERVED IN THE HARBOR OF NOVOROSYSSK

The following ships were observed in Novorossysk Harbor:

- 1- Two small Italian ships.
- 2- One Turkish ship.
- 3- Three Yugoslav <sup>tankers</sup> ~~ships~~ and a [ ] owned tanker, "GEORGIA" which was loading oil. 25X1

Part: ~~2555~~

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I- ~~POH~~ ~~ORGANIZATION~~

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1- Description of the pier known as NEW MOLE. It is located between the NEW HARBOR and CABOTAGE HARBOR.

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No.3 There is a pier on the eastern side which is over 800 feet long. Only about 300 feet is being used starting from the end mole. The rest of the pier has been destroyed.

An old electrically-operated crane was observed on the used section of the pier. It moves on iron wheels, has a hoisting power of over 5 tons, a cable, and a winding drum. Concrete blocks were being placed at the destroyed section of the pier and an air-hammer was ~~hammering~~ posts.

Above mentioned work was not intensive. Only about 15 workers were occupied there and one truck which carried dirt.

Six cranes were observed on the western side of the above mentioned pier. (There may be more.) The cranes were electrically operated and had a hoisting power of about 10 tons.

A railroad track was observed on this side. There were railroad cars on this track. They were full of coal, ( 60-62 tons each ), The bases of the cars ~~were~~ made of iron and the bulwarks ~~were~~ wooden.

There is an area on this pier which has iron of various diameters. There were also crates having a dimension of about 6x3.1 x 1.5 ~~crates~~ Contents of the crates ~~were~~ unknown.

#### MERCHANT SHIPS

The following ships were observed in port:

1-  freighter; about 10000 tons; it was loading iron on the western side-PLATOONOVSKI MOLE-

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The Tanker, [ ] and an [ ] ship were at the interior of the arm of <sup>the</sup> port.

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The [ ] tanker was having its rudder repaired and the loaded [ ] ship was having its engine repaired.

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[ ] many Soviet freighters, rather old , and a Soviet passenger ship of about 20000 tons. It was painted white and it had one smokestack.

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### III- MISCELLANEOUS:

About ten ~~cars~~ <sup>cars</sup> having ~~an~~ iron bases and rubber wheels were observed near the exit leading to the city. There were two wheels in front and two wheels in the back. The above mentioned ~~cars~~ <sup>cars</sup> had the necessary parts, small windows, water gauges etc.

IV- Inspection of the ship was held outside the port. The following came on board: Two women, one was a doctor and the other was from the agency; two from the port authorities -in uniform-; a customs ~~man~~ <sup>man</sup> in civilian clothes. When they had finished inspection and were ready to leave, they took the navy booklets which belonged to the crew, ~~the~~ the articles of agreement, and the crew ~~list~~ <sup>list</sup>. They returned the navy booklets -with passes on the same day. The articles of agreement were returned when the ship left the port. Nothing was sealed upon inspection.

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### UNIFORMS AND DISTINGUISHING MARKS OF PORT PERSONNEL

The two military men who boarded the ship had two patches on the ~~collars~~ <sup>collars</sup> of their jackets. The patches were green. There were two or three rows of silver around it. Their overcoat was khaki. They had nothing on their coats. They wore new boots, and a fur, cosack type ~~cap~~ <sup>cap</sup>. The caps had a star and the hammer and sickle on them.

I- NEW MOLE HARBOR

A- PORT ORGANIZATION

Ten Soviet made cranes with plates on them were observed at the interior of NEW MOLE HARBOR. They were 12-ton electrically operated and they had a winding drum and a cable.

The NEW MOLE area of this pier is destroyed and they have paved it with wood in order to facilitate the loading and unloading of the ships which dock there. They are filling the destroyed area with dirt.

Five 10-ton cranes were observed at the NEW MOLE. There was a double track railway there. One of them passes underneath the cranes. The head of the above mentioned pier is destroyed. No repair work was going on.

B- WARSHIPS

[redacted] outside the harbor, [redacted] a small warship coming from the North at a speed of over 50 miles. The ship was travelling too fast [redacted] could not observe whether it was a torpedo boat or an anti-submarine craft.

A fifteen-meter submarine was observed coming out of the harbor on 20 February, '57. It was painted dark grey and it had an aerodynamic turret. No antennae or guns were observed. [redacted] it is a pocket submarine and it only fires torpedos. Two sailors were observed at the stern of the sub, one at the prow, and three on the turret. The sailors on deck reached the height of the turret. The ones on the turret could be seen from the waist up. The prow is low and its stern is slightly out of the water. Observation was made from a short distance.

C- MERCHANT SHIPS

The following merchant ships were observed in the harbor:

[REDACTED]

The Soviet passenger ship, "RUSSIA" at QUARANTINE HARBOR near the PLATONOVSKI MOLE. The ship has been in harbor for about three months. It has been having its interior repaired. There were many technicians and workers on board. The ship was at NEW HARBOR at the beginning of January and it was loading a concrete ballast.

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The [REDACTED] tanker, [REDACTED] was observed at the interior of the large breakwater. It was having its engine repaired.

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Small, 1000 ton Soviet tankers were observed being in the same area. They were low and wide. Some of them operated by steam and others by diesel. The ones operating by diesel had their smokestacks smaller than the others and the height of the bridge twice as high.

25X1

- a) Bridge
- b) One mast
- c) Forecastle
- d) Smokestack

25X1

## II- SERPANT ISLAND

[REDACTED]

The following were observed when the ship was sailing in the area:

- 1- A radar, to the right of the lighthouse as the ship was sailing towards Odessa.  
(See sketch in the original.)
  - a) Roof of a building. The building was constructed in order to have the radar placed on it.
  - b) A 20-meter pole.
  - c) The length of the radar's frame is 20 meters.
  - d) The radar's frame is about 4-5 meters high.

The radar's frame is solid. When it makes its 360° turn, it is covered by the lighthouse's arc and it cannot be easily distinguished.

2- Another radar. KNIFERIST type, located to the left of the lighthouse. It is on a 15 meter pole. This radar was not observed in action.

25X1

3- Six wireless poles. Description and of the poles and the wires was not made possible.

4- Buildings at the center of the peak of the island.



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[REDACTED]

5- A highway for cars was observed at the southwestern side of the island. A military vehicle was moving on it.

6- Camouflaged cannons were observed at the peak and at the periphery of the island.

When the ship was passing the island, they used binoculars (evidently) and asked for the name of the ship in English.

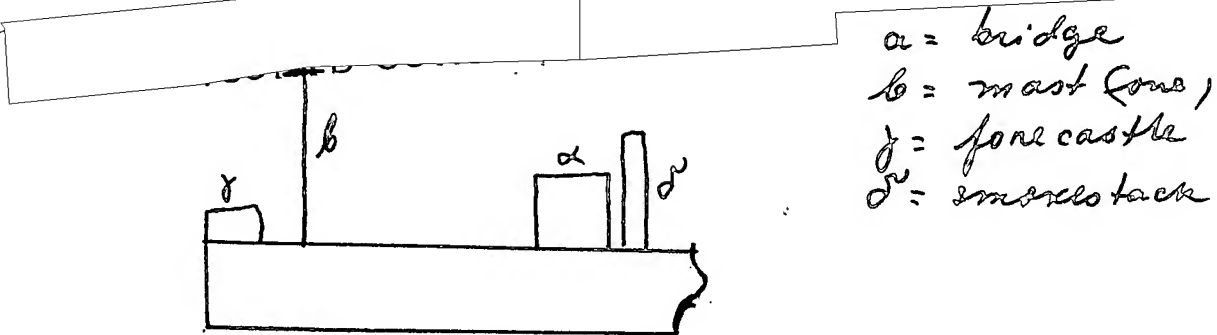
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[REDACTED]

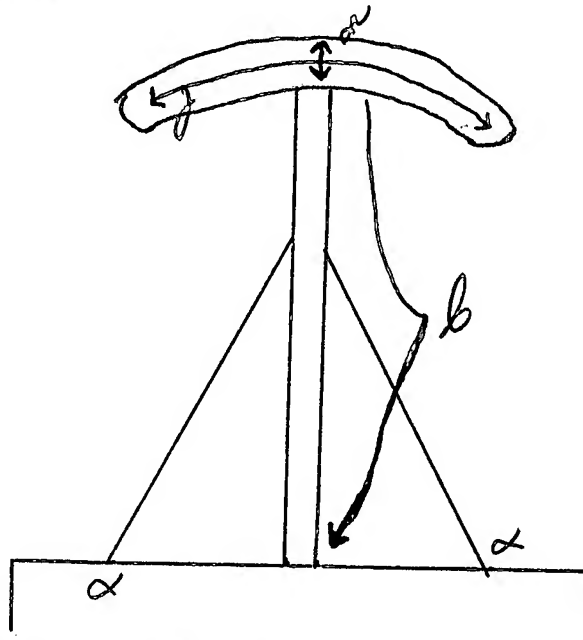
[REDACTED] a coastguard ship anchored at the island. It bore no distinguishing [REDACTED]

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Part II  
SERPENT ISLAND  
Q1 #1: RADAR



$\alpha$  = Roof of a building which has been especially built to place the radar on top.

$b$  = A pole of approximately 20 meters.

$\gamma$  = length of the radar's frame - approximately 20 meters.

$\delta$  = Height of the radar's frame is approximately 4-5 meters.

25X1

a) MERCHANT SHIPS

Four passenger ships were observed in the harbor. They were <sup>not in good condition</sup> ~~old~~, not freshly painted, and they appeared to be disarmed. One of them was 16000 tons and the other two were 8000 tons.

b) WARSHIPS

Two warships <sup>two war-</sup> passing through, between the two breakwaters. They came from the direction of FONTANA. They departed an hour later and took the same direction which they came from.

The above mentioned warships had a slightly inclined prow and the flat of the stern was slightly inclined towards the prow. They had a forecastle which took up 1/3 of the length of the ship. They had one tri-pod mast and two smokestacks. The prow had two twin 7" guns which could be used for surface and air targets. The guns could be raised upwards.

The stern had two successive turrets. Each turret had two guns similar to the above mentioned but, their barrels were thinner. The prow guns were two meters long and the

They had no anti-aircraft armaments except for two guns with shields, one each on either side of the bridge of the forecastle. A torpedo launcher was observed at the internal emplacement of the prow turret, on the left side which could be observed. The radar and the other accessories were similar to the SKORY CLASS. (See page three in handbook "YARD RAKE".)

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A submarine was observed [redacted] leaving the harbor. [redacted] The above mentioned submarine's outline was similar to the of the Z CLASS, [redacted] except for the bridge which was similar to that of the Z CLASS but in smaller dimensions.

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The gun had no stay. A parallelogram was observed at a distance of about 3 meters away from the turret and towards the prow. The parallelogram was about 1.30 meters long and 60 cms. high and it took up almost the entire width of the deck. This looked like the W CLASS seen on page 25 in the handbook as a Marker Buoy. The submarine was painted dark grey.

The submarine did not have a length longer than 30 meters. One mast was on top of the turret and there was tube, like a periscope, in the middle. Its height was about 2 meters and it was above the turret.

There were no railings except around the turret. Other warships were not observed on either trip either going or coming.

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No. 6

ship anchored at the SILO pier, ~~which has a length of~~ <sup>length is</sup> about 400 meters.

estimated depth there over 30 feet because there were two 10000 ton Soviet tankers docked at the same pier at the same time. There was working going on at the west side pier. They were extending it. They had a floating crane there estimates<sup>it</sup> to be over 50 tons. There was a dredger at about the middle which was deepening the port.

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#### LIGHTS AND LIGHTHOUSES

It flashes a white light every 8 seconds. The radiobeacon (or radio lighthouse) in not that listed but, it has been transformed to a D.B. The port is entered by a pilot. The port has two of them. does not know where the pilot station is.

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STOREHOUSES: does not know if there are any more storehouses outside the roofed buildings at the pier.

not know if there are any floating storehouses, or storehouses for fuel, coal, or ammunition.

There is a railroad net at the harbor and railroad cars were observed.

25X1

not know whether the railroad net branched off along the length of the piers. Lighting of the piers was mediocre.

CRANES and SHIPBUILDING: None were observed. In general, the mechanical equipment of the port was rather poor. Water supply is probably non-existent at the piers

There are about 10 tugs of various sizes in port. They are strong tugs. Port acti-

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[redacted]  
vity is good. Large quantities of oil, wheat, and lumber is exported from subject port. The ships in port are guarded by a guard armed with a pistol who walks up and down the length of the pier, day and night.

*One goes on*  
Liberty ~~with~~ *with* passes and seaman's passport. They can stay out up until 0001 hours. Foreign crews are free to tour the city. [redacted] did not observe and *25X1* land batteries but, along the length of the Soviet shores, ranging accordingly from 10-30 miles, there are strong searchlights which search the sea in sectors.

The cost of living is rather high. Wages and daily wages are low. Therefore, comfortable living can not be had by the people. In general, the people's social organization is mechanical. If one bears in mind that the common man's amusement is had on the basis of organized plans, it could be said that the citizens cannot be satisfied with the way of living.

Maritime tolls ~~paid~~ paid by the agency -in exchange- is at the same level as those paid at other Western ports.

[redacted] not know what rights port workers have. *25X1*

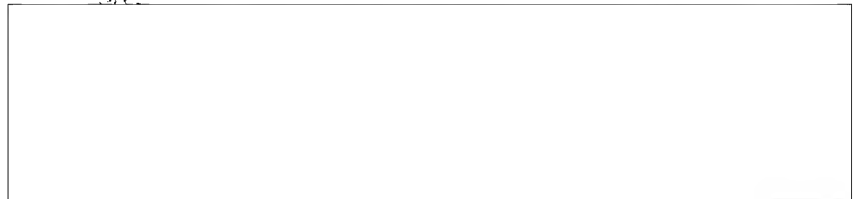
Only one ship up to 12000 tons can load or unload at the SILO pier.

Four destroyers and two cruisers of the open sea were observed [redacted]. They *25X1* were anchored at a leeward location outside the gulf due to bad weather. ~~Two~~ *There were* two cruisers *which* appeared to be newly built and they had two smokestacks. The ironclad (sic) bridge was towards the prow of the middle of the ship. The outside works were not of great height. There were two large radars on the bridge which were in operation. The battle station (sic) at the prow and the stern <sup>^</sup> each had two guns which had a diameter of 15-20 centimeters. The above mentioned ships had torpedo launchers on the deck at the stern. The destroyers had about the same shape as the cruisers. *25X1*

The above mentioned ships left the gulf one by one. They were dragging a target with them for manoeuvres. [redacted]

[redacted] They were about 15 meters high. They were netted and they were on floats *25X1*

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[redacted] not observe any other naval strength in this area. [redacted] no [redacted]

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[redacted] minesweepers [redacted]

no passenger ships or oceanliners.

[redacted] not observe any plane movements. [redacted]

[redacted] while [redacted]

for Rumania. The ship was at

the height of Varna. It was about 40 miles away and it was sailing North. It was just 25X1

after sunset when he heard the sound of a plane. Upon investigating, [redacted] a plane [redacted]

[redacted] The plane was going through the sky with an exceptional

amount of speed. [redacted]

The plane was

flying North. [redacted] could not observe any distinguishing marks because it was too high and it was traveling too fast.

The Soviet and other merchant ships were not armed.

[redacted] not know if there are military units stationed in Novorossysk. [redacted]

observed very few military uniforms and [redacted] does not know how to distinguish them.

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The Soviet Peoples' morale can be seen through their dejection and melancholy.



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*No. 7*  
At anchor, in positions (1) and (2);

- Six destroyers, probably of the KOLA class, for which [redacted] noted

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the following specifications:

- Funnels - two, slightly slanting, with smoke baffle, elliptical.
- Masts - one, between the bridge and the first smokestack; height above the deck, about 10 meters.
- Bow - raked, inclined; height above the water line, about 4 meters.
- Stern - square, slightly inclined; height above the water line, about 2.50 meters.
- Over-all length: about 80 meters.
- Superstructure - forecastle, bridge, shelter deck for machinery.

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- 1 -

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SECRET

[redacted]

- Armament - twin-mounted guns, at the bow, superimposed, partially (shielded,) 120-millimeter; twin-mounted guns, astern, superimposed, partially (shielded), 120-millimeter; four large-caliber machine-gun units, two twin-mounted and two single, all arranged on a shelter deck built between the two funnels; two torpedo tubes on the deck, amidships, under the bridge; depth-charge apparatus at the extreme stern.

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- special equipment: two radar sets, one on the bridge and one at the top of the mast; radio direction finder; radio (2 or 3 antennas observed).

- hull and superstructure painted dark gray.

One light cruiser, [redacted] described as follows moored at position (3):

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- bow: raked; height above water line, about 5 meters
- stern: square; height above water line, about 4 meters
- hull: with only one deck
- over-all length: about 130 meters
- masts: two; height above the deck about 15 meters
- bridge: height above the deck, about 8 meters
- funnels: two, slanting, with smoke baffle, between the two masts
- armament: two twin-mounted 152-mm guns in the bow; two twin-mounted 152-mm guns aft; eight partially shielded heavy machine guns on a shelter deck between the two funnels.


- deck: both fore and aft, the deck appeared to be clear of any obstruction, as the entire superstructure and the four gun turrets appeared to form a unit

- special equipment: two radar sets; radio direction finder's radio (several antennas observed)

The following were observed in the harbor, moored at position (4):

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- 
- 3 ferry boats, with collapsible bow, of the motor landing craft type, with two decks;
  - 4 minesweepers, moored at position (5);
  - 2 or 3 tugboats

#### Merchant Vessels Observed

Because of a storm, a Soviet steamer had run aground and then been towed into the harbor by two 1,500-hp tug boats. The ship was at position (6).

#### Miscellaneous Observations Concerning the Black Sea

There is a search light, with a range of 12-15 miles, about every five miles between Cape Aitodor and Point Doob.

During the night of 19-20 March 1957, a Soviet motor patrol boat, with lights out, approached , about 10 miles from Point (10).

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No. 12U.S.S.R.NAVALPort Information and Naval Activity at NOVOROSSISK

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1. The following information was obtained in the course of a visit to NOVOROSSISK

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2. Foreign merchant vessels are allowed to proceed into port unescorted and are not boarded until arrival at the "Foreign Vessels" anchorage -  $44^{\circ}42.5'N.$ ,  $37^{\circ}49.5'E.$  Admiralty Chart No. 162.

3. At the anchorage, the pilot only is picked up, who then takes the ship into port and berths her alongside, without the aid of tugs. Tugs did not appear to be used in berthing any ships, including tankers up to 12,000 tons. The customs go aboard after the ship has berthed but they do not search her.

4. The light at  $44^{\circ}39.7'N.$ ,  $37^{\circ}49.7'E.$  is not in the position as shown on the chart but is at approximately  $44^{\circ}39.6'N.$ ,  $37^{\circ}49.9'E.$

5. Wreckage of a fishing boat is visible at  $44^{\circ}39.8'N.$ ,  $37^{\circ}49.6'E.$

6. A line of piles extends for approximately 500 feet from the point at  $44^{\circ}40.5'N.$ ,  $37^{\circ}48.6'E.$  on an estimated bearing of  $130^{\circ}$ . It would seem that they are the remains of a derelict jetty.

7. On 19th November a cruiser arrived in the Bay and anchored outside the harbour at approximately  $44^{\circ}43'N.$ ,  $37^{\circ}49'E.$ , where she remained until her departure the next day.

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8. ~~SECRET~~ Adverse weather conditions prevented detailed

[REDACTED] - 2 -

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observations but, from her general appearance, she appeared to be of old design. It was considered she bore some resemblance to the CHAPAEV Class, but see Appendix ~~SECRET~~ FILMSTAR.

9. There was no evidence to show that a degaussing station existed south of the Western Mole.

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10. A green light is sited at the end of the Coasting Mole, which has now been repaired. It was not, however, noticed if the south easterly projection had been restored.

11. Two identical destroyers were tied together stern on to the Timber Wharf, with bows anchored in midstream.

12. One of these vessels slipped her moorings at

[REDACTED] and left harbour at high speed, which she obtained in an extremely short space of time. Her engines were making a considerable noise.

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14. On general appearance, these destroyers resembled the SKORY Class, but differed in that their mainmast was abaft the after funnel and the turrets mounted single, instead of twin, guns. See Appendix "A" for FILMSTAR.

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15. Their ensign had a white background with a thin red edging of equal thickness on upper and lower edges, with a red hammer and sickle in the top corner nearest the staff and a red star in the diagonally opposite corner.

16. There were numerous small but unarmed naval vessels in the harbour which were also wearing this ensign. Some of these were engaged in clearing operations on the remains of Wharf No. 4.

17. A signal station on the end of Wharf No. 3 was manned by naval personnel. It was in constant communication

[REDACTED] 25X1

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- 3 -

with the cruiser outside and with small naval craft in the harbour, all of which carried signallers armed with Aldis lamps. When signalling to the cruiser, it used the international code for both figures and letters, but the message could not be understood. It did not communicate with merchant vessels.

18. A tug was observed under repair alongside Wharf No. 3 at the end nearest the shore on the west side. A small naval vessel with salvage on her decks from Wharf No. 4 was berthed nearby.

19. Two old destroyers in red lead were berthed alongside the retaining wall immediately north of the Cement Works Jetty at  $44^{\circ}43.85'N.$ ,  $37^{\circ}48.45'E.$

20. They had two funnels, one thicker than the other, were approximately 300 feet in length and carried single masts. No other details were observed.

25X1

25X1

CRUISER

F Two short funnels. The forward funnel was set above the heavy forward upperworks.

I Not visible.

L 600 feet plus.

M Two masts.

S She was notable for her broad beam and heavy upperworks forward. Her bridgework was particularly heavy and was surmounted by a large director with a horizontal projection (rangefinder ?) on either side.

T }  
A } Not visible due to weather conditions.  
R }

DESTROYERS

F Two short and squat funnels with a slightly raked cowlings.

I 4 ? and 4 ?.

L Approximately 400 feet.

M A tripod foremast and a pole mainmast, the latter abaft the after funnel.

S Break level with the bridge. Cut-away stern near the water-level - the exposed section of the hull was not submerged when travelling at high speed, although one would have expected it.

T Turrets with single guns, barrel length 8-9 feet, in A, X and Y positions.

A Two single 37 mm. type guns, without flash eliminators, on each side of the bridge, one mounted on the fore'sle deck and the other at the top of the bridge.

R Not observed

25X1

~~SECRET~~